



LIST OF SOLUTIONS

Client's Name
Client's Name

Date
02-08-2023

Number of Solutions
35

MATERIAL SUITABILITY

CIRCULAR DESIGN PRINCIPLES SOLUTIONS

material durability

1.	surface treatment	Use a surface treatment best suited to the design requirements of the product e.g., anodizing, painting, plating, coating hot-dip galvanizing of steel combination parts, including cathodic corrosion protection.	<input checked="" type="checkbox"/>
2.	renewable surface treatments	Avoid non-renewable surface treatments, e.g. painted plastic bumpers on motor vehicles.	<input checked="" type="checkbox"/>
3.	material density	Maximize material density where space is limited, e.g. by selecting higher strength materials.	<input checked="" type="checkbox"/>
4.	power density	Increase the power density or load capacity of components or oversize components as material loads increase.	<input checked="" type="checkbox"/>

resource-efficient design

1.	Items Name	The functional durability of a part or product describes its ability to function as required under specific conditions of use, maintenance and repair until a limited condition is reached required under specific conditions of	<input type="checkbox"/>
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material compatibility during use

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fiber composite compatible design

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circular material selection

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